
Arthritis

ARTHRITIS

Definition: Respondents who answered “ye”s to the question “have you ever been told by a doctor or other health professional that you have some form of arthritis, rheumatoid arthritis, gout, lupus, or fibromyalgia?”

Prevalence of Arthritis

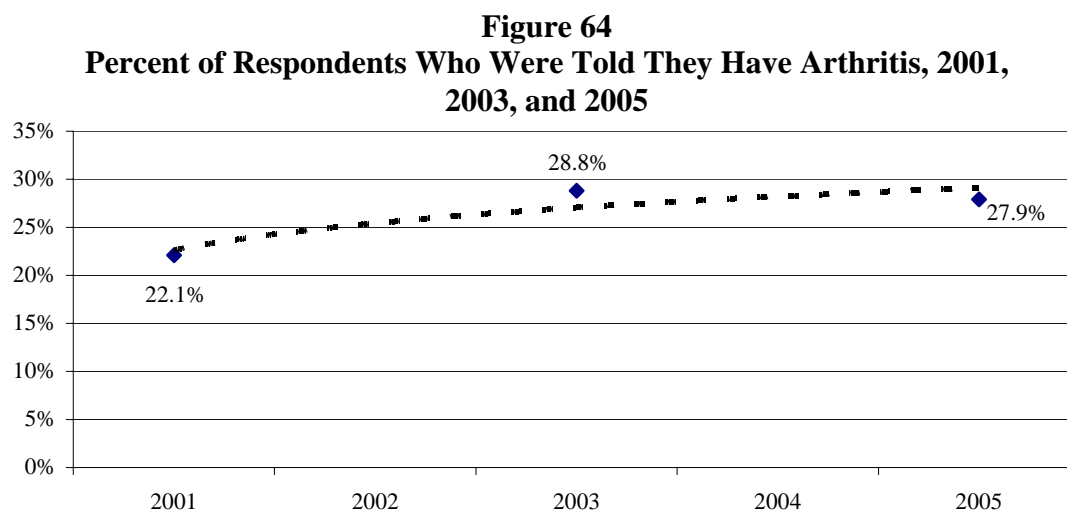
- South Dakota 27.9%
- All participants nationwide 27.0%

Healthy People 2010 Objective

There was no stated Healthy People 2010 Objective for having arthritis.

Trend Analysis

This question was asked in 2001, 2003, and 2005. There was an increase in the percent of respondents who have arthritis from 2001 to 2003 and a slight decrease from 2003 to 2005.



Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2001, 2003, and 2005

Demographics

Gender	Females exhibit a significantly larger percentage of those with arthritis than males.
Age	The prevalence of arthritis increases as age increases with significant increases occurring at the 35-44, 45-54, 55-64, and 75 and older age groups.
Race	There are no significant racial differences observed from the available data.
Region	The northeast, central, and west regions demonstrate a very high prevalence of arthritis, while the southeast and American Indian counties regions show a very low prevalence. Regional differences are more evident with females than males.

Household Income	The prevalence of arthritis is lower in the higher income groups.
Education	The prevalence of arthritis generally decreases as education increases. This includes significant decreases as the some high school, some post-high school, and college graduate levels are reached.
Employment Status	Those who are retired or unable to work demonstrate a very high prevalence of arthritis, while those who are employed for wages, unemployed, or a student show a very low prevalence.
Marital Status	Those who are widowed exhibit a very high prevalence of arthritis, while those who have never been married show a very low prevalence.

Table 84
Respondents Who Were Told They Have Arthritis, 2005

	Total			Male			Female		
	# Resp.	%	95% CI	# Resp.	%	95% CI	# Resp.	%	95% CI
Total	6,842	27.9	(26.6-29.2)	2,812	25.4	(23.5-27.3)	4,030	30.3	(28.7-32.1)
Age									
18-24	319	4.8	(2.7-8.5)	125	2.1	(0.4-8.9)	194	7.8	(4.3-13.8)
25-34	858	10.3	(8.1-13.0)	362	11.7	(8.4-16.1)	496	8.8	(6.3-12.2)
35-44	1,122	17.2	(14.7-20.0)	489	17.5	(14.0-21.8)	633	16.8	(13.6-20.6)
45-54	1,347	30.1	(27.4-33.0)	617	29.8	(25.8-34.2)	730	30.4	(26.7-34.3)
55-64	1,159	46.2	(42.9-49.6)	507	43.7	(38.8-48.7)	652	48.8	(44.4-53.3)
65-74	985	51.7	(48.1-55.3)	402	45.8	(40.2-51.4)	583	56.9	(52.3-61.5)
75+	1,012	59.2	(55.6-62.7)	300	53.8	(47.3-60.1)	712	62.7	(58.4-66.7)
Race									
White	6,140	28.2	(26.8-29.5)	2,526	25.9	(23.9-27.9)	3,614	30.4	(28.7-32.2)
American Indian	484	29.4	(24.3-35.1)	193	24.6	(17.7-33.0)	291	34.2	(27.3-41.7)
Region									
Southeast	1,567	24.4	(22.1-26.8)	654	21.9	(18.7-25.6)	913	27.0	(24.0-30.2)
Northeast	1,521	30.5	(28.0-33.2)	589	28.1	(24.3-32.2)	932	32.6	(29.3-36.1)
Central	1,401	32.1	(29.5-34.9)	610	29.4	(25.5-33.5)	791	35.0	(31.5-38.7)
West	1,653	29.9	(27.6-32.4)	662	27.3	(23.8-31.1)	991	32.4	(29.2-35.7)
American Indian Counties	700	24.1	(20.6-28.1)	297	23.5	(18.4-29.6)	403	24.8	(20.2-29.9)
Household Income									
Less than \$10,000	359	37.6	(31.5-44.1)	100	30.4	(20.5-42.5)	259	40.9	(33.6-48.6)
\$10,000-\$14,999	467	51.5	(43.9-58.9)	133	45.3	(31.5-59.9)	334	55.8	(48.4-62.9)
\$15,000-\$19,999	473	41.5	(36.2-47.1)	177	44.1	(35.5-53.1)	296	39.6	(33.0-46.7)
\$20,000-\$24,999	631	30.2	(26.1-34.6)	243	26.3	(20.4-33.1)	388	33.3	(28.0-39.1)
\$25,000-\$34,999	947	31.3	(27.7-35.1)	412	25.8	(21.1-31.1)	535	37.0	(32.0-42.3)
\$35,000-\$49,999	1,219	24.5	(21.9-27.4)	555	25.1	(21.3-29.4)	664	23.9	(20.5-27.6)
\$50,000-\$74,999	1,029	23.9	(21.1-27.0)	495	23.9	(19.9-28.4)	534	23.9	(20.0-28.2)
\$75,000+	867	20.4	(17.6-23.5)	463	21.8	(18.0-26.3)	404	18.3	(14.6-22.6)
Education									
8 th Grade or Less	322	51.4	(44.7-58.2)	151	45.6	(36.1-55.3)	171	58.5	(48.6-67.7)
Some High School	398	29.3	(23.4-36.0)	175	24.7	(16.9-34.5)	223	35.3	(27.5-44.1)
High School or G.E.D.	2,174	32.3	(30.0-34.7)	951	28.8	(25.5-32.3)	1,223	36.1	(32.9-39.3)
Some Post-High School	1,969	26.9	(24.6-29.4)	709	23.5	(20.1-27.4)	1,260	29.6	(26.6-32.8)
College Graduate	1,971	21.7	(19.7-23.8)	822	21.2	(18.3-24.5)	1,149	22.2	(19.6-24.9)
Employment Status									
Employed for Wages	3,324	20.2	(18.7-21.9)	1,367	19.2	(16.9-21.7)	1,957	21.2	(19.2-23.4)
Self-employed	897	23.9	(20.8-27.3)	596	25.5	(21.6-29.8)	301	20.4	(15.9-25.8)
Unemployed	170	18.4	(12.4-26.4)	*	*	*	*	*	*
Homemaker	407	33.7	(28.7-39.1)	*	*	*	*	*	*
Student	126	9.6	(4.7-18.7)	*	*	*	*	*	*
Retired	1,632	55.5	(52.7-58.3)	602	50.2	(45.7-54.8)	1,030	59.9	(56.4-63.3)
Unable to Work	283	61.7	(54.5-68.4)	119	65.6	(54.4-75.3)	164	58.3	(48.9-67.1)

Table 84 (continued)									
Respondents Who Were Told They Have Arthritis, 2005									
	Total			Male			Female		
	# Resp.	%	95% CI	# Resp.	%	95% CI	# Resp.	%	95% CI
Marital Status									
Married/Unmarried Couple	4,100	27.9	(26.4-29.5)	1,836	28.5	(26.3-30.9)	2,264	27.4	(25.4-29.4)
Divorced/Separated	952	34.6	(31.0-38.3)	394	32.5	(27.1-38.4)	558	36.3	(31.7-41.2)
Widowed	965	58.3	(54.6-61.9)	162	48.3	(38.9-57.7)	803	60.8	(56.8-64.5)
Never Married	815	12.1	(9.5-15.2)	416	9.3	(6.5-13.2)	399	16.3	(11.9-21.7)

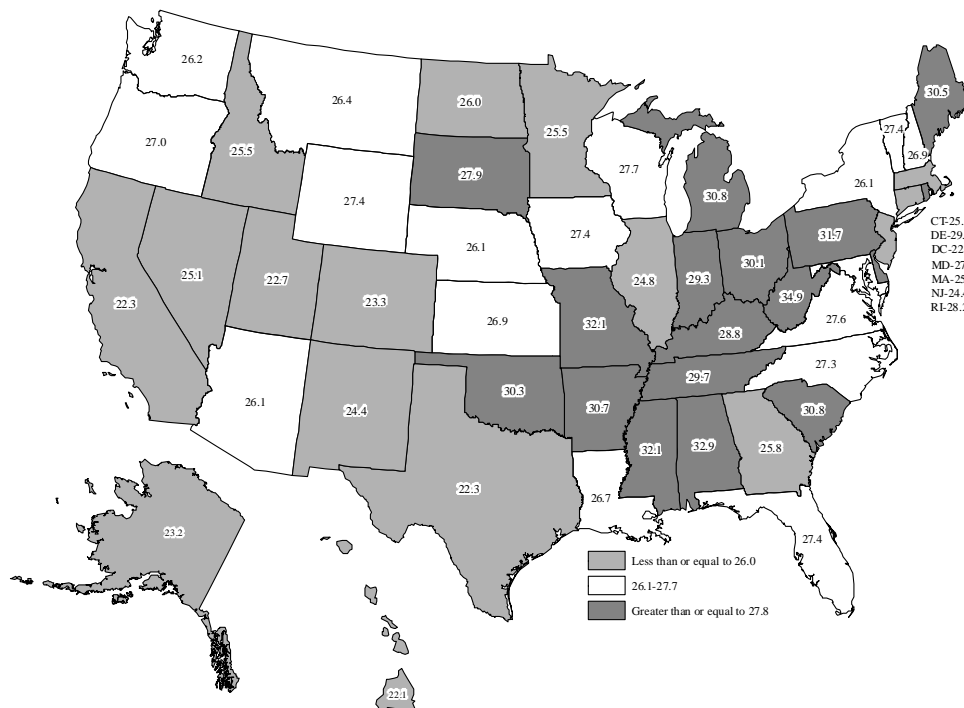
Note: *Results based on sample sizes less than 100 have been suppressed.

Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2005

National Statistics

The national median for respondents who have arthritis is 27.0 percent. South Dakota had 27.9 percent of respondents who were told they have arthritis. Hawaii had the lowest percent of respondents who have arthritis with 22.1 percent, while West Virginia had the highest percent of respondents who have arthritis with 34.9 percent.

Figure 65
Nationally, Respondents Who Were Told They Have Arthritis, 2005



Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2005

Further Analysis

Following are data illustrating the percent of those who have arthritis for various health behaviors and conditions. For example, 30.6 percent of respondents who stated they do not participate in vigorous physical activity have arthritis, while 19.1 percent of respondents who participate in vigorous physical activity have arthritis.

Table 85
Have Arthritis for Selected Health Behaviors and Conditions, 2005

Health Behavior or Condition	# Respondents	% Arthritis	95% CI
Fair or Poor Health Status	1,121	56.0	52.0-59.9
Excellent, Very Good, or Good Health Status	5,714	23.8	22.5-25.1
Physical Health Not Good for 30 days of the past 30	512	64.8	59.2-70.0
Physical Health Not Good for 0-29 days of the past 30	6,263	25.5	24.3-26.8
Mental Health Not Good for 20-30 days of the past 30	355	40.2	33.9-46.9
Mental Health Not Good for 0-19 days of the past 30	6,443	27.1	25.9-28.5
Usual Activities Unattainable for 10-30 Days of the Past 30	459	63.0	57.5-68.3
Usual Activities Unattainable for 0-9 Days of the Past 30	6,346	25.8	24.5-27.1
Dissatisfied / Very Dissatisfied with Life	268	49.9	41.6-58.1
Satisfied / Very Satisfied with Life	6,414	27.4	26.1-28.7
Obese (BMI = 30.0+)	1,761	37.3	34.5-40.2
Overweight (BMI = 25.0-29.9)	2,528	28.2	26.3-30.3
Recommended Weight (BMI = 18.5-24.9)	2,192	21.0	19.0-23.1
Underweight (BMI < 18.5)	102	21.5	12.8-33.7
No Leisure Time Physical Activity	1,756	37.2	34.4-40.0
Leisure Time Physical Activity	5,085	25.2	23.8-26.7
No Moderate Physical Activity	3,596	31.3	29.5-33.1
Moderate Physical Activity	2,941	24.1	22.3-26.0
No Vigorous Physical Activity	5,387	30.6	29.1-32.1
Vigorous Physical Activity	1,281	19.1	16.8-21.6
Less Than Five Servings of Fruits and Vegetables	5,211	26.0	24.6-27.5
At Least Five Servings of Fruits and Vegetables	1,592	35.6	32.7-38.6
Not Heard of "Healthy South Dakota" Program	4,465	26.5	24.9-28.0
Heard of "Healthy South Dakota" Program	2,125	32.4	30.0-34.9
Current Smoker	1,301	28.5	25.5-31.7
Former Smoker	1,912	37.5	35.0-40.2
Never Smoked	3,611	23.1	21.5-24.7
Smokeless Tobacco Use	361	20.0	15.5-25.4
No Smokeless Tobacco Use	6,318	28.9	27.5-30.2
Drank Alcohol in Past 30 Days	3,635	23.1	21.6-24.7
No Alcohol in Past 30 Days	3,195	34.7	32.7-36.8
Binge Drinker	901	16.3	13.8-19.2
Not a Binge Drinker	5,873	30.6	29.2-32.0
Heavy Drinker	236	20.5	14.9-27.5
Not a Heavy Drinker	6,505	28.4	27.1-29.7
Hypertension	2,200	48.3	45.8-50.9
No Hypertension	4,635	21.0	19.7-22.4
High Blood Cholesterol	2,067	44.4	41.9-47.0
No High Blood Cholesterol	3,403	28.0	26.3-29.8
Not Taking any Precautions Against West Nile Virus	2,102	29.6	27.3-32.1
Taking Precautions Against West Nile Virus	4,547	27.7	26.2-29.3
No Health Insurance (18-64)	414	19.1	14.9-24.2
Health Insurance (18-64)	4,222	21.9	20.5-23.4
Employer Based Health Insurance Coverage (18-64)	2,769	20.6	19.0-22.4
Private Health Insurance Plan (18-64)	637	18.3	15.2-21.9
Medicare (18-64)	146	53.5	43.6-63.1
Medicaid or Medical Assistance (18-64)	180	24.3	16.4-34.4
The Military, CHAMPUS, TriCare, or the VA (18-64)	212	27.4	21.1-34.7
The Indian Health Service (18-64)	227	23.6	17.4-31.1
No Flu Shot (65+)	497	46.0	40.9-51.1
Flu Shot (65+)	1,494	58.7	55.8-61.6

Table 85 (continued) Have Arthritis for Selected Health Behaviors and Conditions, 2005			
Health Behavior or Condition	# Respondents	% Arthritis	95% CI
No Pneumonia Shot (65+)	650	46.3	41.8-50.8
Pneumonia Shot (65+)	1,283	60.7	57.5-63.8
Diabetes	602	52.9	48.0-57.7
No Diabetes	6,239	26.2	24.9-27.5
Current Asthma	509	46.2	40.3-52.2
Former Asthma	176	25.9	19.1-34.0
Never Had Asthma	6,126	26.4	25.1-27.7
Previously Had a Heart Attack	429	60.9	55.1-66.5
Never Had a Heart Attack	6,373	26.3	25.0-27.6
Have Angina or Coronary Heart Disease	439	65.0	59.5-70.1
Do Not Have Angina or Coronary Heart Disease	6,344	26.1	24.8-27.4
Previously Had a Stroke	254	64.7	55.8-72.6
Never Had a Stroke	6,572	26.7	25.5-28.0
Physical, Mental, or Emotional Disability	1,580	59.2	55.8-62.6
No Physical, Mental, or Emotional Disability	5,254	20.5	19.3-21.8
Disability with Special Equipment Needed	603	71.5	65.6-76.8
No Disability with Special Equipment Needed	6,239	25.0	23.7-26.3
Two or More Hours of TV Watched per Day	4,844	31.6	30.0-33.2
Less Than Two Hours of TV Watched per Day	1,774	20.2	18.1-22.5
Never Been Tested for HIV (18-64)	3,483	20.5	18.9-22.1
Been Tested for HIV (18-64)	1,149	23.8	21.0-26.7
Military Veteran	1,113	38.1	34.8-41.6
Not a Military Veteran	5,725	26.0	24.6-27.3

Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2005

LIMITED BECAUSE OF ARTHRITIS

Definition: Respondents who answered “yes” to the question “are you now limited in any way in any of your usual activities because of arthritis or joint symptoms?”

Prevalence of Limited Because of Arthritis

- South Dakota 13.4%
- There is no nationwide data available for activities limited because of arthritis

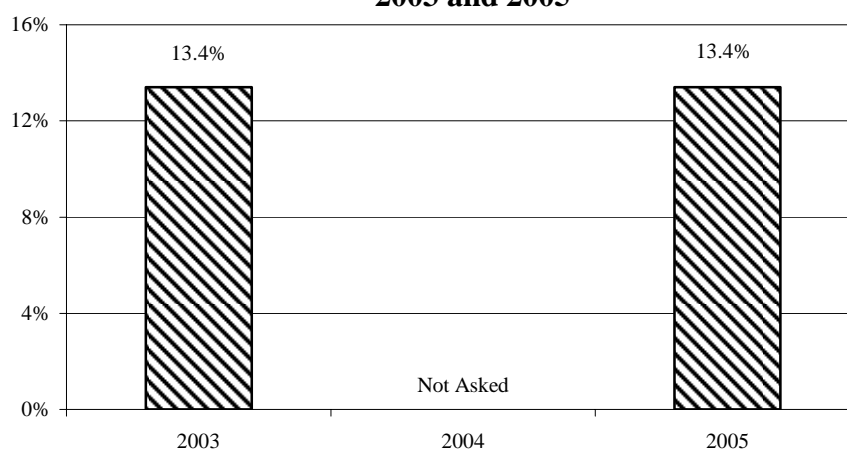
Healthy People 2010 Objective

There was no stated Healthy People 2010 Objective for being limited from activities because of arthritis.

Trend Analysis

This question has only been asked two years, 2003 and 2005. The percent of respondents who were limited because of arthritis remained unchanged from 2003 to 2005 with 13.4 percent.

Figure 66
Percent of Respondents Who Were Limited Because of Arthritis,
2003 and 2005



Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2003 and 2005

Demographics

- | | |
|---------------|---|
| Gender | There is no significant gender difference shown by the available data. |
| Age | Limited activities due to arthritis increases as age increases with the most notable increases occurring at the 35-44, 55-64, and 75 and older age groups. |
| Race | American Indians exhibit a significantly larger percentage of those with activities limited due to arthritis than whites. This difference is more evident in females than males. |
| Region | Those in the central region demonstrate a very high prevalence of limited activities due to arthritis, while those in the southeast region show a very low prevalence. This regional difference is much more evident in females than males. |

Household Income	The prevalence of limited activities due to arthritis generally decreases as household income increases. This association is more evident in females than males.
Education	The prevalence of limited activities due to arthritis decreases as education levels increase. This includes a significant decrease as the some high school level is reached.
Employment Status	Those who are unable to work demonstrate a very high prevalence of limited activities due to arthritis, while those who are employed for wages or a student show a very low prevalence. Females who are self-employed also show a very low prevalence.
Marital Status	Those who are widowed exhibit a very high prevalence of limited activities due to arthritis, while those who have never been married show a very low prevalence. Males who are divorced show a very high prevalence and females who are married show a very low prevalence.

Table 86
Respondents Who Are Limited Because of Arthritis, 2005

	Total			Male			Female		
	# Resp.	%	95% CI	# Resp.	%	95% CI	# Resp.	%	95% CI
Total	6,837	13.4	(12.5-14.4)	2,810	12.8	(11.4-14.3)	4,027	14.1	(12.9-15.4)
Age									
18-24	319	4.6	(2.5-8.4)	125	4.0	(1.5-10.3)	194	5.4	(2.5-11.2)
25-34	859	5.2	(3.8-7.1)	361	5.5	(3.5-8.5)	498	4.8	(3.1-7.4)
35-44	1,123	9.2	(7.4-11.4)	490	9.3	(6.6-12.9)	633	9.1	(6.8-12.0)
45-54	1,344	12.9	(11.0-15.0)	616	12.4	(9.7-15.7)	728	13.4	(10.9-16.4)
55-64	1,161	20.6	(18.0-23.4)	509	20.0	(16.3-24.2)	652	21.2	(17.9-25.0)
65-74	985	22.2	(19.4-25.4)	402	22.5	(18.2-27.5)	583	22.0	(18.4-26.1)
75+	1,006	31.5	(28.3-35.0)	297	32.7	(26.9-39.1)	709	30.8	(27.1-34.8)
Race									
White	6,135	13.2	(12.2-14.2)	2,525	12.5	(11.1-14.1)	3,610	13.9	(12.6-15.2)
American Indian	485	20.3	(16.0-25.4)	194	18.7	(12.6-26.9)	291	21.8	(16.3-28.6)
Region									
Southeast	1,565	11.5	(9.9-13.4)	652	10.7	(8.4-13.5)	913	12.5	(10.3-15.0)
Northeast	1,521	13.1	(11.4-15.0)	589	12.4	(9.9-15.4)	932	13.7	(11.5-16.2)
Central	1,397	16.6	(14.6-18.9)	609	15.6	(12.7-19.0)	788	17.7	(15.1-20.7)
West	1,653	15.1	(13.3-17.1)	662	15.0	(12.3-18.3)	991	15.2	(13.0-17.7)
American Indian Counties	701	15.5	(12.3-19.5)	298	15.0	(10.2-21.4)	403	16.1	(12.1-21.1)
Household Income									
Less than \$10,000	360	29.1	(23.7-35.1)	101	26.9	(17.7-38.6)	259	30.1	(23.8-37.3)
\$10,000-\$14,999	466	29.1	(23.6-35.2)	133	28.4	(18.7-40.7)	333	29.5	(23.9-35.9)
\$15,000-\$19,999	475	21.0	(17.1-25.6)	179	27.2	(20.3-35.5)	296	16.4	(12.4-21.4)
\$20,000-\$24,999	633	17.1	(13.9-20.8)	244	18.3	(13.3-24.6)	389	16.1	(12.3-20.8)
\$25,000-\$34,999	946	17.1	(14.3-20.3)	410	14.1	(10.4-18.9)	536	20.1	(16.3-24.6)
\$35,000-\$49,999	1,218	10.9	(9.1-13.0)	555	11.3	(8.8-14.5)	663	10.4	(8.1-13.3)
\$50,000-\$74,999	1,028	7.3	(5.8-9.2)	495	6.7	(4.7-9.5)	533	8.0	(5.9-10.9)
\$75,000+	865	7.8	(5.7-10.4)	461	8.8	(5.9-12.9)	404	6.1	(4.0-9.3)
Education									
8 th Grade or Less	320	31.6	(25.6-38.3)	149	30.1	(21.7-40.2)	171	33.3	(25.3-42.4)
Some High School	399	18.6	(14.3-23.8)	176	20.1	(13.8-28.3)	223	16.6	(11.8-22.9)
High School or G.E.D.	2,171	15.0	(13.4-16.7)	948	12.9	(10.8-15.4)	1,223	17.2	(15.0-19.7)
Some Post-High School	1,970	12.6	(10.8-14.5)	711	11.9	(9.2-15.2)	1,259	13.1	(11.0-15.6)
College Graduate	1,969	9.8	(8.5-11.4)	822	9.6	(7.6-12.1)	1,147	10.0	(8.3-12.1)

Table 86 (continued) Respondents Who Are Limited Because of Arthritis, 2005									
	Total			Male			Female		
	# Resp.	%	95% CI	# Resp.	%	95% CI	# Resp.	%	95% CI
Employment Status									
Employed for Wages	3,325	7.4	(6.5-8.5)	1,366	7.4	(6.0-9.0)	1,959	7.5	(6.4-8.8)
Self-employed	896	11.7	(9.4-14.4)	597	12.1	(9.4-15.5)	299	10.6	(7.1-15.6)
Unemployed	170	15.1	(9.7-22.8)	*	*	*	*	*	*
Homemaker	407	13.9	(10.6-18.2)	*	*	*	*	*	*
Student	126	10.3	(4.6-21.4)	*	*	*	*	*	*
Retired	1,626	27.3	(24.9-29.9)	599	27.0	(23.1-31.3)	1,027	27.5	(24.5-30.7)
Unable to Work	284	56.0	(48.9-62.9)	120	58.4	(47.3-68.6)	164	54.0	(44.8-63.0)
Marital Status									
Married/Unmarried Couple	4,098	12.6	(11.5-13.7)	1,835	13.5	(11.9-15.3)	2,263	11.6	(10.3-13.1)
Divorced/Separated	951	19.5	(16.7-22.7)	394	18.2	(14.0-23.2)	557	20.6	(16.9-24.9)
Widowed	962	28.6	(25.5-31.9)	160	29.0	(21.6-37.7)	802	28.5	(25.1-32.1)
Never Married	816	7.8	(5.6-11.0)	417	6.3	(3.8-10.4)	399	10.1	(6.4-15.5)

Note: *Results based on sample sizes less than 100 have been suppressed.

Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2005

Further Analysis

Following are data illustrating the percent of those who are limited because of arthritis for various health behaviors and conditions. For example, 20.9 percent of respondents who stated they are obese are limited because of arthritis, while 9.1 percent of respondents who stated they are at their recommended weight are limited because of arthritis.

Table 87 Respondents Who Are Limited Because of Arthritis for Selected Health Behaviors and Conditions, 2005			
Health Behavior or Condition	# Respondents	% Limited Because of Arthritis	95% CI
Fair or Poor Health Status	1,119	42.3	38.6-46.0
Excellent, Very Good, or Good Health Status	5,711	9.2	8.4-10.2
Physical Health Not Good for 30 days of the past 30	512	50.3	44.8-55.8
Physical Health Not Good for 0-29 days of the past 30	6,260	11.0	10.2-12.0
Mental Health Not Good for 20-30 days of the past 30	354	31.3	25.6-37.7
Mental Health Not Good for 0-19 days of the past 30	6,440	12.4	11.5-13.4
Usual Activities Unattainable for 10-30 Days of the Past 30	460	53.7	48.2-59.1
Usual Activities Unattainable for 0-9 Days of the Past 30	6,342	11.0	10.1-11.9
Dissatisfied / Very Dissatisfied with Life	269	31.6	25.2-38.9
Satisfied / Very Satisfied with Life	6,409	12.8	11.9-13.8
Obese (BMI = 30.0+)	1,762	20.9	18.7-23.4
Overweight (BMI = 25.0-29.9)	2,525	12.4	11.1-13.9
Recommended Weight (BMI = 18.5-24.9)	2,189	9.1	7.8-10.7
Underweight (BMI < 18.5)	102	8.6	3.7-18.9
No Leisure Time Physical Activity	1,756	21.9	19.8-24.3
Leisure Time Physical Activity	5,080	11.0	10.0-12.1
No Moderate Physical Activity	3,596	16.0	14.7-17.4
Moderate Physical Activity	2,936	10.7	9.4-12.1
No Vigorous Physical Activity	5,385	15.1	14.0-16.2
Vigorous Physical Activity	1,280	8.1	6.4-10.2
Less Than Five Servings of Fruits and Vegetables	5,210	13.0	12.0-14.1
At Least Five Servings of Fruits and Vegetables	1,589	15.3	13.2-17.6
Not Heard of "Healthy South Dakota" Program	4,463	13.1	12.0-14.3
Heard of "Healthy South Dakota" Program	2,124	14.4	12.7-16.4

Table 87 (continued)
Respondents Who Are Limited Because of Arthritis for Selected Health Behaviors and Conditions, 2005

Health Behavior or Condition	# Respondents	% Limited Because of Arthritis	95% CI
Current Smoker	1,304	14.1	12.0-16.4
Former Smoker	1,905	18.4	16.5-20.5
Never Smoked	3,610	10.9	9.7-12.2
Smokeless Tobacco Use	362	6.9	4.8-10.0
No Smokeless Tobacco Use	6,312	14.1	13.1-15.1
Drank Alcohol in Past 30 Days	3,635	9.7	8.6-10.8
No Alcohol in Past 30 Days	3,190	18.8	17.2-20.6
Binge Drinker	900	5.7	4.4-7.4
Not a Binge Drinker	5,869	15.2	14.1-16.3
Heavy Drinker	236	7.7	4.9-12.0
Not a Heavy Drinker	6,499	13.7	12.8-14.7
Hypertension	2,193	24.1	22.0-26.4
No Hypertension	4,637	9.9	8.9-10.9
High Blood Cholesterol	2,062	19.9	18.0-22.0
No High Blood Cholesterol	3,400	13.3	12.0-14.7
Not Taking any Precautions Against West Nile Virus	2,101	15.3	13.6-17.2
Taking Precautions Against West Nile Virus	4,545	12.8	11.7-14.0
No Health Insurance (18-64)	416	13.1	9.1-18.3
Health Insurance (18-64)	4,223	9.9	9.0-11.0
Employer Based Health Insurance Coverage (18-64)	2,767	7.3	6.3-8.4
Private Health Insurance Plan (18-64)	638	7.8	5.6-10.6
Medicare (18-64)	146	46.5	37.0-56.3
Medicaid or Medical Assistance (18-64)	181	18.9	12.6-27.3
The Military, CHAMPUS, TriCare, or the VA (18-64)	213	19.1	14.1-25.3
The Indian Health Service (18-64)	227	16.9	11.3-24.6
No Flu Shot (65+)	495	20.5	16.7-25.0
Flu Shot (65+)	1,490	29.2	26.6-32.0
No Pneumonia Shot (65+)	649	18.7	15.5-22.4
Pneumonia Shot (65+)	1,278	31.6	28.7-34.7
Diabetes	601	30.1	25.9-34.7
No Diabetes	6,235	12.3	11.4-13.3
Current Asthma	508	27.3	22.6-32.7
Former Asthma	175	10.2	6.6-15.4
Never Had Asthma	6,124	12.3	11.4-13.3
Previously Had a Heart Attack	425	34.3	29.1-39.8
Never Had a Heart Attack	6,373	12.4	11.5-13.4
Have Angina or Coronary Heart Disease	434	37.9	32.7-43.4
Do Not Have Angina or Coronary Heart Disease	6,345	12.2	11.3-13.2
Previously Had a Stroke	252	43.0	35.2-51.2
Never Had a Stroke	6,569	12.5	11.6-13.5
Physical, Mental, or Emotional Disability	1,580	49.8	46.5-53.1
No Physical, Mental, or Emotional Disability	5,249	4.9	4.3-5.6
Disability with Special Equipment Needed	601	54.4	48.8-60.0
No Disability with Special Equipment Needed	6,236	10.7	9.9-11.6
Two or More Hours of TV Watched per Day	4,846	15.3	14.1-16.5
Less Than Two Hours of TV Watched per Day	1,768	9.4	8.0-11.0
Never Been Tested for HIV (18-64)	3,484	9.4	8.3-10.6
Been Tested for HIV (18-64)	1,150	12.6	10.6-14.9
Military Veteran	1,113	20.5	17.8-23.6
Not a Military Veteran	5,720	12.1	11.1-13.1

Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2005